

Converting Colors

$Y_{xy}(59.1945, 0.2506, 0.2768)$

Have a look what the booklet for
Yxy(59.1945, 0.2506, 0.2768)
contains.

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Color

Yxy(59.0101, 0.2508, 0.2769)

Conversions

Conversions Part 1

Format	Color
Hex	9AD0FC
RGB	154, 208, 252
RGB Percent	60%, 82%, 99%
CMY	0.3961, 0.1843, 0.0118
CMYK	0.39, 0.17, 0.00, 0.01
HSL	207°, 94%, 80%
HSV	207°, 39%, 99%
XYZ	53.4479, 59.0101, 100.6518
YIQ	196.8700, -46.3080, 2.2360

Conversions

Conversions Part 2

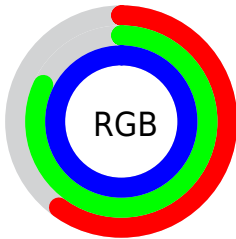
Format	Color
RYB	154, 189, 252
Decimal	10146044
CIELab	81.30, -6.68, -27.07
CIELCh	81, 27.887, 256.131
Yxy	59.0101, 0.2508, 0.2769
Android (android.graphics.Color)	4288336124 (0xFF9AD0FC)
YUV	196.8700, 27.1791, -37.5970
Hunter-Lab	76.8180, -10.2360, -23.9128

Details

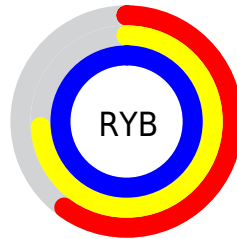
The Yxy color **59.0101, 0.2508, 0.2769** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.3933, 0.3918, 0.3754**, and the grayscale version is **55.6055, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5889, 0.2866, 0.3289**, and **29.6480, 0.2360, 0.2646** is the 20% darker color. If you saturate the color by 10%, you get **51.4755, 0.2353, 0.2606**, and if you desaturate by 10%, it is **67.4612, 0.2668, 0.2921**.

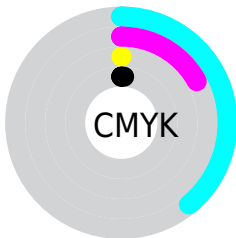
Distribution



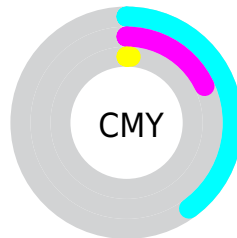
- Red (60%)
- Green (82%)
- Blue (99%)



- Red (60%)
- Yellow (74%)
- Blue (99%)



- Cyan (39%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)



- Cyan (40%)
- Magenta (18%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.0101, 0.2508, 0.2769 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 59.0101, 0.2508, 0.2769 by changing the saturation by 10% instead.

■ 59.0101, 0.2508,
0.2769

■ 59.0101, 0.2508,
0.2769

■ 420.9393, 0.2798,
0.3018

■ 42.6213, 0.2442,
0.2711

■ 103.3923, 0.2609,
0.2857

■ 29.5881, 0.2359,
0.2638

■ 132.1545, 0.2648,
0.2890

■ 19.5261, 0.2256,
0.2545

■ 165.8099, 0.2682,
0.2919

■ 12.0511, 0.2121,
0.2423

■ 204.7430, 0.2711,
0.2944

■ 6.7785, 0.1940,
0.2256

■ 249.3381, 0.2737,
0.2966

■ 3.3239, 0.1687,
0.2016

■ 299.9795, 0.2760,

■ 1.3031, 0.1317,

0.2986

0.1652

357.0518, 0.2780,
0.3003

0.1436, 0.0000,
0.0542

0.0000, 0.0000,
0.0000

59.0101, 0.2508,
0.2769

59.0101, 0.2508,
0.2769

51.4755, 0.2353,
0.2606

67.4612, 0.2668,
0.2921

44.8098, 0.2209,
0.2435

76.8597, 0.2830,
0.3061

38.9703, 0.2080,
0.2258

87.2433, 0.2989,
0.3188

33.9068, 0.1970,
0.2081

98.6451, 0.3144,
0.3302

■ 29.5609, 0.1883,
0.1907

99.8071, 0.3145,
0.3319

■ 25.8511, 0.1819,
0.1741

■ 25.4676, 0.1812,
0.1723

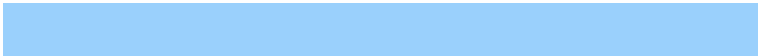
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.0101, 0.2460, 0.2981



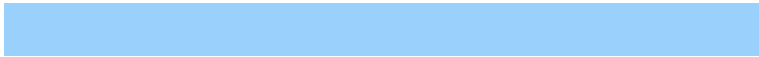
59.0101, 0.2508, 0.2769



59.0101, 0.2712, 0.2701

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.0101, 0.2508, 0.2769



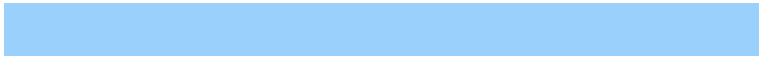
59.0101, 0.3705, 0.3237



59.0101, 0.3186, 0.3884

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



59.0101, 0.2508, 0.2769



63.3933, 0.3918, 0.3754

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.0101, 0.3532, 0.3930



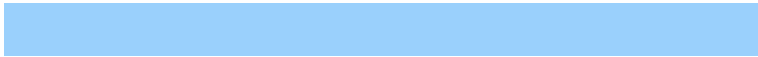
59.0101, 0.2508, 0.2769



59.0101, 0.3844, 0.3533

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.0101, 0.2508, 0.2769



59.0101, 0.3402, 0.2967



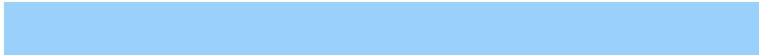
59.0101, 0.3777, 0.3790



59.0101, 0.2838, 0.3647

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.0101, 0.2508, 0.2769



59.0101, 0.2918, 0.2736



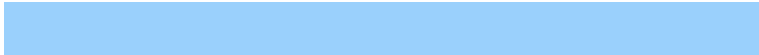
59.0101, 0.3777, 0.3790



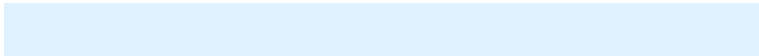
59.0101, 0.3307, 0.3922

Sweetspot

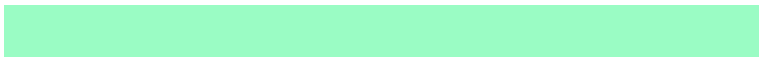
The Sweet Spot groups the original color and five complimentary colors.



59.0124, 0.2508, 0.2769



86.2015, 0.2940, 0.3150



80.4837, 0.2856, 0.3953



18.1487, 0.2919, 0.3134



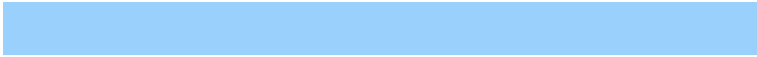
0.0000, 0.0000, 0.0000



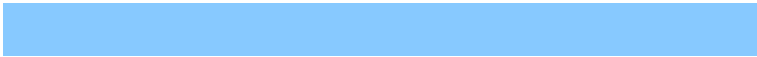
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.0124, 0.2508, 0.2769



54.2603, 0.2382, 0.2637



39.2179, 0.2418, 0.2177



18.2296, 0.2980, 0.3181



13.5675, 0.1820, 0.1750



1.4683, 0.1875, 0.1949

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



48.3532, 0.3561, 0.2730



42.8573, 0.3692, 0.2616



88.6008, 0.3735, 0.4202



17.3854, 0.3207, 0.3160



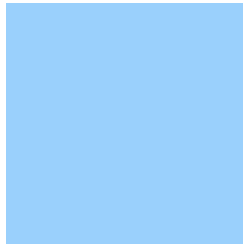
11.7805, 0.4745, 0.2388



1.1125, 0.4511, 0.2259

Previews

White Background



This preview shows how the Yxy color 59.0101, 0.2508, 0.2769 looks on a white background.

Color Contrast Check

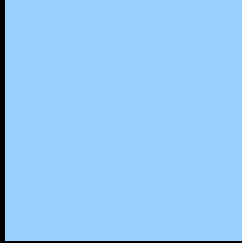
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 59.0101, 0.2508, 0.2769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

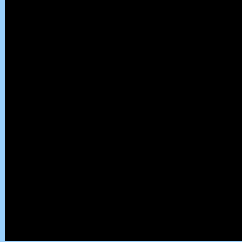
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

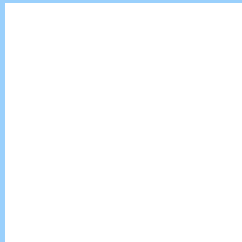
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.0101, 0.2508, 0.2769

Background



This preview shows how black text looks on a background with the Yxy color 59.0101, 0.2508, 0.2769.



This preview shows how white text looks on a background with the Yxy color 59.0101, 0.2508, 0.2769.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

59.0101, 0.2508, 0.2769

Protanopia

58.5770, 0.2755, 0.2756

Deuteranopia

58.4257, 0.2718, 0.2654



Tritanopia

59.0400, 0.2601, 0.3078

Trichromacy



Original Color

59.0101, 0.2508, 0.2769

Protanomaly

58.4833, 0.2661, 0.2758

Deuteranomaly

58.4488, 0.2638, 0.2695

Tritanomaly

59.1870, 0.2568, 0.2971

Monochromacy



Original Color

59.0101, 0.2508, 0.2769

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.6068, 0.2869, 0.3095

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0101, 0.2508, 0.2769 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(154, 208, 252)` looks like.

```
.text, #text, p{  
    color:rgb(154, 208, 252)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(154, 208, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 208, 252) }
```

Border

The CSS property to change the border of an element to Yxy 59.0101, 0.2508, 0.2769 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(154, 208, 252) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(154, 208, 252) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(154, 208, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 208, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 208, 252);  
box-shadow:4px 4px 4px 4px rgb(154, 208,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0101, 0.2508, 0.2769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 208, 252) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(154,  
208, 252) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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